



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION III
Environmental Sciences Center
701 Mapes Road
Fort Meade, Maryland 20755-5350

Tam
NK 3/7/12

DATE: March 7, 2012

SUBJECT: Region III Data QA Review

FROM: Colleen Walling *Colleen Walling*
Region III ESAT RPO (3EA20)

TO: Rich Fetzer
Remedial Project Manager (3HS31)

Attached is the organic data validation report for the Dimock Residential Groundwater site (DAS:# R33917; SDG: #480-16102-1) completed by the Region III Environmental Services Assistance Team (ESAT) contractor under the direction of Region III EAID.

If you have any questions regarding this review, please call me at (410) 305-2763.

Attachment

TO: #0042 TDF: 03013 Data Validation
TO: #0042 TDF: #02085 Sample log-in processing

cc: Gene Nance (Techlaw)
Suddha Graves (Techlaw)

OFFICE OF ANALYTICAL SERVICES AND QUALITY ASSURANCE

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DATE: March 7, 2012
SUBJECT: Organic Data Validation (Level M3)
Site: Dimock
CASE: R33917, PROJECT: 480-16102-1

FROM:

Ex. 4 - CBI

TO: Colleen Walling
ESAT Region 3 Project Officer

OVERVIEW

Case R33917, Project 480-16102-1, from the Dimock site consisted of twelve (12) aqueous samples including two (2) field blanks analyzed for ethylene glycol. All samples were submitted to TestAmerica (TALBUF) for analysis. The sample set contained two (2) field blanks. The samples were analyzed according to Test Methods for Evaluating Solid Waste SW-846 Method 8015B.

SUMMARY

Data were validated according to Region 3 Modifications to the National Functional Guidelines for Organic Data Review, Level M3 and is assigned the Superfund Data Validation Label S4VM (Stage_4_Validation_Manual). Areas of concern with respect to data usability are listed below.

MINOR PROBLEM

- The laboratory employed a four (4) point calibration curve for the analysis of the compounds requested. However, Method 8015B specifies the use of a five (5) point curve. No action was taken by the reviewer based on this deviation from the method.

NOTES

- No positive results were reported in the field samples in this data set. Therefore, no confirmation analyses were required.
- Reported recoveries and Relative Percent Differences (RPDs) in the Laboratory Control Sample (LCS) and Matrix Spike/Matrix Spike Duplicate (MS/MSD) analyses of sample HW55 were within control limits.

Sample Summary

Client: Techlaw, Inc
Project/Site: TechLaw Project No. R33917 (EG only)

TestAmerica Job ID: 480-16102-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-16102-1	FB15	Water	02/10/12 11:21	02/14/12 10:15
480-16102-2	FB16	Water	02/13/12 09:06	02/14/12 10:15
480-16102-3	HW16	Water	02/10/12 11:21	02/14/12 10:15
480-16102-4	HW16-P	Water	02/10/12 11:37	02/14/12 10:15
480-16102-5	HW16z	Water	02/10/12 11:22	02/14/12 10:15
480-16102-6	HW27 H	Water	02/13/12 10:37	02/14/12 10:15
480-16102-7	HW27z	Water	02/13/12 10:38	02/14/12 10:15
480-16102-8	HW36n	Water	02/10/12 10:53	02/14/12 10:15
480-16102-9	HW36n-P	Water	02/10/12 11:02	02/14/12 10:15
480-16102-10	HW54	Water	02/10/12 14:08	02/14/12 10:15
480-16102-11	HW54-P	Water	02/10/12 14:30	02/14/12 10:15
480-16102-12	HW55	Water	02/13/12 10:21	02/14/12 10:15

WK 3+4